

ABSTRACT OF THE DISCLOSURE

The present invention provides methods for the micropropagation of reed grasses, particularly *Arundo donax*. In addition, the present invention provides methods
5 for the macropropagation of bamboo and reed grasses, which utilize a unique float bed system and apparatus. The advantages of the present invention are that desirable plant clones can be obtained for planting in plantations and the methods are much more cost and labor efficient than traditional propagation techniques.